CLAIMS

1. A compound of the formula (I):

$$R^{1}$$
 $A-N$
 R^{3}
 R^{4}
 $N-N$
 H
 (I)

or a salt, solvate, tautomer or N-oxide thereof;

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wherein A is a saturated hydrocarbon linker group containing from 1 to 7 carbon atoms, the linker group having a maximum chain length of 5 atoms extending between R^1 and NR^2R^3 and a maximum chain length of 4 atoms extending between E and NR^2R^3 , wherein one of the carbon atoms in the linker group may optionally be replaced by an oxygen or nitrogen atom; and wherein the carbon atoms of the linker group A may optionally bear one or more substituents selected from oxo, fluorine and hydroxy, provided that the hydroxy group when present is not located at a carbon atom α with respect to the NR^2R^3 group and provided that the oxo group when present is located at a carbon atom α with respect to the NR^2R^3 group;

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E is a monocyclic or bicyclic carbocyclic or heterocyclic group wherein E is unsubstituted or has up to 4 substituents R^8 selected from hydroxy, oxo (when E is non-aromatic), chlorine, bromine, trifluoromethyl, cyano, C_{1-4} hydrocarbyloxy and C_{1-4} hydrocarbyl optionally substituted by C_{1-2} alkoxy or hydroxyl;

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R¹ is an aryl or heteroaryl group which is unsubstituted or bears one or more substituents selected from hydroxy; C₁₋₄ acyloxy; fluorine; chlorine; bromine; trifluoromethyl; cyano; CONH₂; nitro; C₁₋₄ hydrocarbyloxy and C₁₋₄ hydrocarbyl each optionally substituted by C₁₋₂ alkoxy, carboxy or hydroxy; C₁₋₄

acylamino; benzoylamino; pyrrolidinocarbonyl; piperidinocarbonyl; morpholinocarbonyl; piperazinocarbonyl; five and six membered heteroaryl and heteroaryloxy groups containing one or two heteroatoms selected from N, O and S; phenyl; phenyl-C₁₋₄ alkyl; phenyl-C₁₋₄ alkoxy; heteroaryl-C₁₋₄ alkyl; heteroaryl-C₁₋₄ alkoxy and phenoxy, wherein the heteroaryl, heteroaryloxy, phenyl, phenyl-C₁₋₄ alkyl, phenyl-C₁₋₄ alkoxy, heteroaryl-C₁₋₄ alkyl, heteroaryl-C₁₋₄ alkoxy and phenoxy groups are each optionally substituted with 1, 2 or 3 substituents selected from C₁₋₂ acyloxy, fluorine, chlorine, bromine, trifluoromethyl, cyano, CONH₂, C₁₋₂ hydrocarbyloxy and C₁₋₂ hydrocarbyl each optionally substituted by methoxy or hydroxyl;

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 R^2 and R^3 are independently selected from hydrogen, $C_{1.4}$ hydrocarbyl and $C_{1.4}$ acyl wherein the hydrocarbyl and acyl moieties are optionally substituted by one or more substituents selected from fluorine, hydroxy, amino, methylamino, dimethylamino and methoxy;

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or R² and R³ together with the nitrogen atom to which they are attached form a cyclic group selected from an imidazole group and a saturated monocyclic heterocyclic group having 4-7 ring members and optionally containing a second heteroatom ring member selected from O and N;

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or one of R² and R³ together with the nitrogen atom to which they are attached and one or more atoms from the linker group A form a saturated monocyclic heterocyclic group having 4-7 ring members and optionally containing a second heteroatom ring member selected from O and N;

or NR²R³ and the carbon atom of linker group A to which it is attached together form a cyano group;

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R⁴ is selected from hydrogen, halogen, C₁₋₅ saturated hydrocarbyl, C₁₋₅ saturated hydrocarbyloxy, cyano, and CF₃; and

R⁵ is selected from hydrogen, halogen, C₁₋₅ saturated hydrocarbyl, C₁₋₅ saturated hydrocarbyloxy, cyano, CONH₂, CONHR⁹, CF₃, NH₂, NHCOR⁹ or NHCONHR⁹;

R⁹ is a group R^{9a} or (CH₂)R^{9a}, wherein R^{9a} is a monocyclic or bicyclic group which may be carbocyclic or heterocyclic;

the carbocyclic group or heterocyclic group R^{9a} being optionally substituted by one or more substituents selected from halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, amino, mono- or di- C_{1-4} hydrocarbylamino; a group R^a - R^b wherein R^a is a bond, O, CO, $X^1C(X^2)$, $C(X^2)X^1$, $X^1C(X^2)X^1$, S, SO, SO₂, NR^c , SO₂ NR^c or NR^c SO₂; and R^b is selected from hydrogen, heterocyclic groups having from 3 to 12 ring members, and a C_{1-8} hydrocarbyl group optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, carboxy, amino, mono- or di- C_{1-4} hydrocarbylamino, carbocyclic and heterocyclic groups having from 3 to 12 ring members and wherein one or more carbon atoms of the C_{1-8} hydrocarbyl group may optionally be replaced by O, S, SO, SO₂, NR^c , $X^1C(X^2)$, $C(X^2)X^1$ or $X^1C(X^2)X^1$;

R^c is selected from hydrogen and C₁₋₄ hydrocarbyl; and X¹ is O, S or NR^c and X² is =O, =S or =NR^c; but excluding the compound (2R, 5S)-1-benzyl-4-(R)-1-(3-[1-(tert-butyl)-1,1-dimethylsilyl]oxyphenyl)-1-[4-(1H-pyrazol-4-yl)phenyl]methyl-2,5-dimethylhexahydropyrazine.

20 2. A compound according to claim 1 of the formula (Ia):

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$$R^{1}$$
 $A-N$
 E
 R^{3}
 R^{4}
 $N-N$
 H
(Ia)

or a salt, solvate, tautomer or N-oxide thereof;

wherein A is a saturated hydrocarbon linker group containing from 1 to 7 carbon atoms, the linker group having a maximum chain length of 5 atoms extending between R^1 and NR^2R^3 and a maximum chain length of 4 atoms extending between E and NR^2R^3 , wherein one of the carbon atoms in the linker group may optionally be replaced by an oxygen or nitrogen atom; and wherein the carbon atoms of the linker group A may optionally bear one or more substituents selected from oxo, fluorine and hydroxy, provided that the hydroxy group when present is not located at a carbon atom α with respect to the NR^2R^3 group and provided that the oxo group when present is located at a carbon atom α with respect to the NR^2R^3 group;

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E is a monocyclic or bicyclic carbocyclic or heterocyclic group wherein E is unsubstituted or has up to 4 substituents R⁸ as defined in claim 1;

R¹ is an aryl or heteroaryl group which is unsubstituted or substituted as defined in claim 1

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 R^2 and R^3 are independently selected from hydrogen, $C_{1.4}$ hydrocarbyl and $C_{1.4}$ acyl;

or R² and R³ together with the nitrogen atom to which they are attached form a saturated monocyclic heterocyclic group having 4-7 ring members and optionally containing a second heteroatom ring member selected from O and N;

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or one of R² and R³ together with the nitrogen atom to which they are attached and one or more atoms from the linker group A form a saturated monocyclic heterocyclic group having 4-7 ring members and optionally containing a second heteroatom ring member selected from O and N;

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or NR²R³ and the carbon atom of linker group A to which it is attached together form a cyano group;

 R^4 is selected from hydrogen, halogen, $C_{1.5}$ saturated hydrocarbyl, cyano and CF_3 ; and

R⁵ is selected from hydrogen, halogen, C_{1.5} saturated hydrocarbyl, cyano, CONH₂, CONHR⁹, CF₃, NH₂, NHCOR⁹ or NHCONHR⁹;

 R^9 is phenyl or benzyl each optionally substituted by one or more substituents selected from halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, amino, mono- or di- C_{1-4} hydrocarbylamino; a group R^a - R^b wherein R^a is a bond, O, CO, $X^1C(X^2)$, $C(X^2)X^1$, $X^1C(X^2)X^1$, S, SO, SO₂, NR^c , SO₂ NR^c or NR^c SO₂; and R^b is selected from hydrogen, heterocyclic groups having from 3 to 12 ring members, and a C_{1-8} hydrocarbyl group optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, carboxy, amino, mono- or di- C_{1-4} hydrocarbylamino, carbocyclic and heterocyclic groups having from 3 to 12 ring members and wherein one or more carbon atoms of the C_{1-8} hydrocarbyl group may optionally be replaced by O, S, SO, SO₂, NR^c , $X^1C(X^2)$, $C(X^2)X^1$ or $X^1C(X^2)X^1$;

 R^c is selected from hydrogen and C_{14} hydrocarbyl; and X^1 is O, S or NR^c and X^2 is =O, =S or = NR^c ;

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but excluding the compound (2R, 5S)-1-benzyl-4-(R)-1-(3-[1-(tert-butyl)-1,1-dimethylsilyl]oxyphenyl)-1-[4-(1H-pyrazol-4-yl)phenyl]methyl-2,5-dimethylhexahydropyrazine.

- A compound according to claim 1 or claim 2 wherein A is a saturated hydrocarbon linker group containing from 1 to 7 carbon atoms, the linker group having a maximum chain length of 5 atoms extending between R¹ and NR²R³ and a maximum chain length of 4 atoms extending between E and NR²R³, wherein one of the carbon atoms in the linker group may optionally be replaced by an oxygen or nitrogen atom; and wherein the carbon atoms of the linker group A may optionally bear one or more substituents selected from fluorine and hydroxy, provided that the hydroxy group when present is not located at a carbon atom α with respect to the NR²R³ group; and R⁵ is selected from selected from hydrogen, halogen, C₁₋₅ saturated hydrocarbyl, cyano, CONH₂, CF₃, NH₂, NHCOR⁹ and NHCONHR⁹.
 - 4. A compound according to any one of claims 1 to 3 wherein the linker group A has a maximum chain length of 3 atoms extending between R¹ and NR²R³.

- 5. A compound according to claim 4 wherein the linker group A has a maximum chain length of 2 atoms extending between R¹ and NR²R³.
- 6. A compound according to any one of claims 1 to 5 wherein the linker group A has a maximum chain length of 3 atoms extending between E and NR²R³.
- 5 7. A compound according to claim 6 wherein the linker group A has a chain length of 2 or 3 atoms extending between R¹ and NR²R³ and a chain length of 2 or 3 atoms extending between E and NR²R³.
- 8. A compound according to any one of the preceding claims wherein the linker group atom linked directly to the group E is a carbon atom and the linker group A has an all-carbon skeleton.
 - 9. A compound according to any one of claims 1 to 7 wherein the portion R¹-A-NR²R³ of the compound is represented by the formula R¹-(G)_k-(CH₂)_m-W-O_b-(CH₂)_n-(CR⁶R⁷)_p-NR²R³ wherein G is NH, NMe or O; W is attached to the group E and is selected from (CH₂)_j-CR²⁰, (CH₂)_j-N and (NH)_j-CH; b is 0 or 1, j is 0 or 1, k is 0 or 1, m is 0 or 1, n is 0, 1, 2, or 3 and p is 0 or 1; the sum of b and k is 0 or 1; the sum of j, k, m, n and p does not exceed 4; R⁶ and R⁷ are the same or different and are selected from methyl and ethyl, or CR⁶R⁷ forms a cyclopropyl group; and R²⁰ is selected from hydrogen, methyl, hydroxy and fluorine.

- 10. A compound according to any one of claims 1 to 7 wherein the moiety R¹-A
 NR²R³ is represented by the formula R¹-(G)_k-(CH₂)_m-X-(CH₂)_n-(CR⁶R⁷)_p-NR²R³

 wherein G is NH, NMe or O; X is attached to the group E and is selected from

 (CH₂)_j-CH, (CH₂)_j-N and (NH)_j-CH; j is 0 or 1, k is 0 or 1, m is 0 or 1, n is 0, 1, 2,

 or 3 and p is 0 or 1, and the sum of j, k, m, n and p does not exceed 4; and R⁶ and

 R⁷ are the same or different and are selected from methyl and ethyl, or CR⁶R⁷

 forms a cyclopropyl group.
 - 11. A compound according to claim 10 wherein (i) k is 0, m is 0 or 1, n is 0, 1, 2 or 3 and p is 0; or (ii) k is 0, m is 0 or 1, n is 0, 1 or 2 and p is 1.

- 12. A compound according to claim 10 wherein (i) X is (CH₂)_j-CH, k is 1, m is 0, n is 0, 1,2 or 3 and p is 0; or (ii) X is (CH₂)_j-CH, k is 1, m is 0, n is 0, 1 or 2 and p is 1.
- 13. A compound according to claim 10 or claim 12 wherein (i) j is 0; or (ii) j is 1; or (iii) CR⁶R⁷ is C(CH₃)₂.
- A compound according to claim 10 wherein the portion R¹-A-NR²R³ of the compound is represented by the formula R¹-X-(CH₂)_n-NR²R³ where X is attached to the group E and is a group CH, and n is 2.
 - 15. A compound according to claim 1 or claim 2 wherein R¹-A(E)-NR²R³ is selected from the groups A1 to A11 below:

R^1 N R^3	R^1 X	$R^1 \longrightarrow N^{R^2}$ $E \qquad R^3$
E AI	A2	A3
R ¹ Me Me R ² R ³ A4	R^1 R^2 R^3 $A5$	R^1 R^2 R^3 R^3 R^4 R^3
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	R^1 E $A8$	R ¹ C N A9
R^1 R^2 N R^3 R^3 R^3	R^{1} E $A11$	

- A compound according to any one of the preceding claims wherein E is a monocyclic group.
- 17. A compound according to any one of the preceding claims wherein E is an aryl or heteroaryl group each of which is unsubstituted or substituted by up to 4 substituents R⁸ as defined in claim 1.
- 18. A compound according to claim 17 selected from optionally substituted phenyl, thiophene, furan, pyrimidine and pyridine groups, each of which is unsubstituted or substituted by up to 4 substituents R⁸ as defined in claim 1.
- 19. A compound according to claim 18 wherein E is a phenyl group which is unsubstituted or substituted by up to 4 substituents R⁸ as defined in claim 1.

- 20. A compound according to any one of the preceding claims wherein the group A and the pyrazole group are attached to the group E in a *meta* or *para* relative orientation; i.e. A and the pyrazole group are not attached to adjacent ring members of the group E.
- 15 21. A compound according to claim 20 wherein E is selected from 1,4-phenylene, 1,3-phenylene, 2,5-pyridylene and 2,4-pyridylene, 1,4-piperazinyl, and 1,4-piperazonyl, each of which is unsubstituted or substituted by up to 4 substituents R⁸ as defined in claim 1.
- A compound according to any one of the preceding claims wherein E has 0-3substituents.
 - 23. A compound according to claim 22 wherein E has 0-2 substituents
 - 24. A compound according to claim 23 wherein E has 0 or 1 substituent.
 - 25. A compound according to claim 24 wherein E is unsubstituted.

26. A compound according to any one of the preceding claims wherein the group E is an aryl or heteroaryl group having five or six members and containing up to three heteroatoms selected from O, N and S, the group E being represented by the formula:

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where * denotes the point of attachment to the pyrazole group, and "a" denotes the attachment of the group A;

r is 0, 1 or 2;

U is selected from N and CR^{12a}; and

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V is selected from N and CR^{12b} ; where R^{12a} and R^{12b} are the same or different and each is hydrogen or a substituent containing up to ten atoms selected from C, N, O, F, Cl and S provided that the total number of non-hydrogen atoms present in R^{12a} and R^{12b} together does not exceed ten;

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or R^{12a} and R^{12b} together with the carbon atoms to which they are attached form an unsubstituted five or six membered saturated or unsaturated ring containing up to two heteroatoms selected from O and N; and

1.

R¹⁰ is selected from halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, amino, mono- or di-C₁₋₄ hydrocarbylamino, carbocyclic and heterocyclic groups having from 3 to 12 ring members; a group R^a-R^b wherein R^a is a bond, O, CO, X¹C(X²), C(X²)X¹, X¹C(X²)X¹, S, SO, SO₂, NR^c, SO₂NR^c or NR^cSO₂; and R^b is selected from hydrogen, carbocyclic and heterocyclic groups having from 3 to 12 ring members, and a C₁₋₈ hydrocarbyl group optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, carboxy, amino, mono- or di-C₁₋₄ hydrocarbylamino, carbocyclic and heterocyclic groups having

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from 3 to 12 ring members and wherein one or more carbon atoms of the C_{1.8}

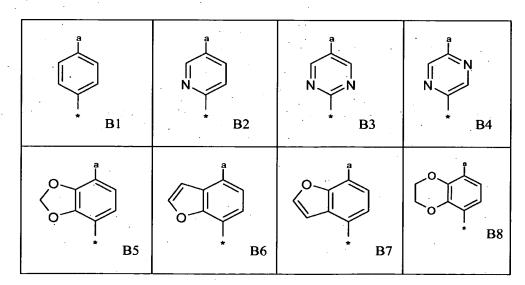
hydrocarbyl group may optionally be replaced by O, S, SO, SO₂, NR^c , $X^1C(X^2)$, $C(X^2)X^1$ or $X^1C(X^2)X^1$;

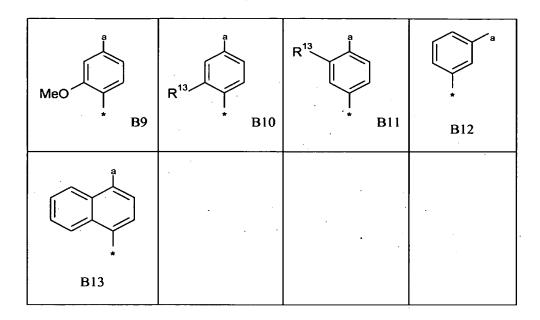
 R^c is selected from hydrogen and C_{1-4} hydrocarbyl; and X^1 is O, S or NR^c and X^2 is =O, =S or = NR^c .

5 27. A compound according to claim 26 wherein E is represented by the formula:

where P, Q and T are the same or different and are selected from N, CH and NCR¹⁰, provided that the group A is attached to a carbon atom.

28. A compound according to claim 27 wherein the group E is selected from groups
10 B1 to B13 in the Table below:





29. A compound according to claim 19 having the formula (II):

$$\begin{array}{c|c}
R^{1} & R^{2} \\
A - N & R^{3}
\end{array}$$

$$\begin{array}{c|c}
R^{8} & R^{5} \\
N - N & (II)
\end{array}$$

wherein the group A is attached to the *meta* or *para* position of the benzene ring and q is 0-4; R^8 is hydroxy; halogen; trifluoromethyl; cyano; C_{1-4} hydrocarbyloxy optionally substituted by C_{1-2} alkoxy or hydroxy; and C_{1-4} hydrocarbyl optionally substituted by C_{1-2} alkoxy or hydroxy.

30. A compound according to claim 29 wherein q is 0, 1 or 2

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31. A compound according to claim 30 wherein q is 0 or 1.

- 32. A compound according to claim 31 wherein q is 0.
- 33. A compound according to claim 19 having the formula (III):

where A' is the residue of the group A and R¹ to R⁵ are as defined in any one of the preceding claims.

34. A compound according to claim 19 having the formula (IV):

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$$R^{1}$$
 R^{20}
 $(CH_{2})_{z}$
 R^{3}
 R^{4}
 $N-N$
 H
 (IV)

wherein z is 0, 1 or 2, R^{20} is selected from hydrogen, methyl, hydroxy and fluorine, provided that when z is 0, R^{20} is other than hydroxy.

10 35. A compound according to claim 19 having the formula (V):

wherein R³ is optionally selected from hydrogen and C₁₋₄ hydrocarbyl.

- 36. A compound according to claim 35 wherein R³ is selected from hydrogen and C₁₋₄ hydrocarbyl.
- 5 37. A compound according to claim 29 wherein R¹ is phenyl.
 - 38. A compound according to any one of the preceding claims wherein R¹ is selected from phenyl, naphthyl, thienyl, furan, pyrimidine and pyridine, each optionally substituted as defined in claim 1.
- 39. A compound according to any one of the preceding claims wherein R¹ is unsubstituted or is substituted by up to 5 substituents selected from hydroxy; C₁₋₄ acyloxy; fluorine; chlorine; bromine; trifluoromethyl; cyano; C₁₋₄ hydrocarbyloxy and C₁₋₄ hydrocarbyl optionally substituted by C₁₋₂ alkoxy or hydroxy; and five membered heteroaryl groups containing one or two heteroatoms selected from N, O and S, the heteroaryl groups being optionally substituted by one or more C₁₋₄ alkyl substituents.
 - 40. A compound according to claim 23 wherein R¹ is unsubstituted or is substituted by up to 5 substituents selected from hydroxy, C₁₋₄ acyloxy, fluorine, chlorine, bromine, trifluoromethyl, cyano, C₁₋₄ hydrocarbyloxy and C₁₋₄ hydrocarbyl optionally substituted by C₁₋₂ alkoxy or hydroxy.

- 41. A compound according to claim 23 or 24 wherein the group R¹ has one or two substituents selected from fluorine, chlorine, trifluoromethyl, methyl and methoxy.
- 42. A compound according to claim 25 wherein R¹ is a mono-chlorophenyl or dichlorophenyl group.
 - 43. A compound according to any one of the preceding claims wherein R⁴ is selected from hydrogen and methyl.
- A compound according to any one of the preceding claims wherein R⁵ is selected from hydrogen, fluorine, chlorine, bromine, methyl, ethyl, hydroxyethyl,
 methoxymethyl, cyano, CF₃, NH₂, NHCOR^{9b} and NHCONHR^{9b} where R^{9b} is phenyl or benzyl optionally substituted by hydroxy, C₁₋₄ acyloxy, fluorine, chlorine, bromine, trifluoromethyl, cyano, C₁₋₄ hydrocarbyloxy and C₁₋₄ hydrocarbyl optionally substituted by C₁₋₂ alkoxy or hydroxy.
- 45. A compound according to any one of the preceding claims wherein R² and R³ are independently selected from hydrogen, C₁₋₄ hydrocarbyl and C₁₋₄ acyl
 - 46. A compound according to claim 28 wherein R² and R³ are independently selected from hydrogen and methyl.
 - 47. A compound according to claim 29 wherein R² and R³ are both hydrogen.
- 48. A compound according to any one of the preceding claims having a molecular weight of less than 525.
 - 49. A compound according to claim 1 of the formula (I) which is:

 2-phenyl-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;

 3-phenyl-2-[3-(1H-pyrazol-4-yl)-phenyl]-propionitrile;

 2-[4-(3,5-dimethyl-1H-pyrazol-4-yl)-phenyl]-2-phenyl-ethylamine;

 2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;

 2-[3-(3,5-dimethyl-1H-pyrazol-4-yl)-phenyl]-1-phenyl-ethylamine;

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3-phenyl-2-[3-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             3-phenyl-2-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             {3-(4-chloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
             {3-(3,4-difluoro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
 5
             {3-(3-chloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
             3-(4-chloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propionamide;
             3-(4-chloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             3-(3,4-dichloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             4-(4-chloro-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
10
             4-(4-methoxy-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-(4-chloro-phenyl)-1-methyl-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-phenyl-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-[4-(3,5-dimethyl-1H-pyrazol-4-yl)-phenyl]-4-phenyl-piperidine;
             dimethyl-{3-[4-(1H-pyrazol-4-yl)-phenyl]-3-pyridin-2-yl-propyl}-amine;
15
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-dimethyl-amine;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine (R);
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine (S);
             4-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-morpholine;
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             4-{4-[1-(4-chloro-phenyl)-2-pyrrolidin-1-yl-ethyl]-phenyl}-1H-pyrazole;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-isopropyl-amine;
             dimethyl-{2-phenyl-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-amine;
             {2,2-bis-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-dimethyl-amine;
             {2,2-bis-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
25
             2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine (R);
             2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine (S);
             2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-acetamide;
             1-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-piperazine;
             1-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-piperidine;
30
             4-{4-[2-azetidin-1-yl-1-(4-chloro-phenyl)-ethyl]-phenyl}-1H-pyrazole;
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1-phenyl-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;
             2-(4-chloro-phenyl)-N-methyl-2-[4-(1H-pyrazol-4-yl)-phenyl]-acetamide;
             N-methyl-2,2-bis-[4-(1H-pyrazol-4-yl)-phenyl]-acetamide;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
 5
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-ethyl-amine;
             4-{4-[1-(4-chloro-phenyl)-2-imidazol-1-yl-ethyl]-phenyl}-1H-pyrazole;
             methyl-{2-(4-phenoxy-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-amine;
             {2-(4-methoxy-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
             methyl-{2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-
10
             amine;
             methyl-{2-phenoxy-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-amine;
             2-{(4-chloro-phenyl)-[4-(1 H-pyrazol-4-yl)-phenyl]-methoxy}-ethylamine;
             4-{4-[1-(4-chloro-phenyl)-3-pyrrolidin-1-yl-propyl]-phenyl}-1H-pyrazole;
             4-{4-[3-azetidin-1-yl-1-(4-chloro-phenyl)-propyl]-phenyl}-1H-pyrazole;
15
             methyl-{3-naphthalen-2-yl-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-amine;
             {3-(4-fluoro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
             4-{4-[4-(4-chloro-phenyl)-piperidin-4-yl]-phenyl}-1H-pyrazole-3-carbonitrile;
             3-(4-phenoxy-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             1-{(4-chloro-phenyl)-[4-(1H-pyrazol-4-yl)-phenyl]-methyl}-piperazine;
20
             1-methyl-4-{phenyl-[4-(1H-pyrazol-4-yl)-phenyl]-methyl}-[1,4]diazepane;
             {3-(3-chloro-phenoxy)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
             methyl-{2-phenyl-2-[6-(1H-pyrazol-4-yl)-pyridin-3-yl]-ethyl}-amine;
             4-{4-[1-(4-chloro-phenyl)-3-imidazol-1-yl-propyl]-phenyl}-1H-pyrazole;
             4-[4-(3-imidazol-1-yl-1-phenoxy-propyl)-phenyl]-1H-pyrazole;
25
             4-{4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidin-4-yl}-phenol;
             1-{(4-chloro-phenyl)-[4-(1H-pyrazol-4-yl)-phenyl]-methyl}-piperazine;
             {2-(4-fluoro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
             {2-(3-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
             4-[4-(2-methoxy-ethoxy)-phenyl]-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
30
             4-[4-(3-methoxy-propoxy)-phenyl]-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
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3-(3,4-dichloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propionamide;
             2-(4-{2-methylamino-1-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-phenoxy)-
             isonicotinamide;
             {2-(3-chloro-phenoxy)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-amine;
 5
             3-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamino}-propan-1-ol;
             2-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamino}-ethanol;
             3-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamino}-propan-1-ol;
             2-{2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamino}-ethanol;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-cyclopropylmethyl-
10
             amine;
             methyl-[2-[4-(1H-pyrazol-4-yl)-phenyl]-2-(4-pyridin-3-yl-phenyl)-ethyl]-amine;
             4-{3-methylamino-1-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-phenol;
             3-(4-methoxy-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             4-(4-chloro-phenyl)-4-[4-(3-methyl-1H-pyrazol-4-yl)-phenyl]-piperidine;
15
             2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-morpholine;
             (4-{4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidin-4-yl}-phenoxy)-acetic acid;
             4-{4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidin-4-yl}-benzonitrile;
             {2-(4-chloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methyl-amine;
             1-(4-chloro-phenyl)-2-methylamino-1-[4-(1H-pyrazol-4-yl)-phenyl]-ethanol;
20
             2-amino-1-(4-chloro-phenyl)-1-[4-(1H-pyrazol-4-yl)-phenyl]-ethanol;
             4-(3,4-dichloro-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-(3-chloro-4-methoxy-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-(4-chloro-3-fluoro-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
             4-[4-(1H-pyrazol-4-yl)-phenyl]-1,2,3,4,5,6-hexahydro-[4,4']bipyridinyl;
25
             3-(3-chloro-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
             2-methylamino-1-(4-nitro-phenyl)-1-[4-(1H-pyrazol-4-yl)-phenyl]-ethanol;
             2-(3-chloro-4-methoxy-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;
             2-(4-chloro-phenyl)-2-fluoro-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;
             3-(3,4-dichloro-phenyl)-3-[6-(1H-pyrazol-4-yl)-pyridin-3-yl]-propylamine;
30
             2-(4-chloro-3-fluoro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;
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- 4-(2-chloro-3-fluoro-phenyl)-4-[4-(1H-pyrazol-4-yl)-phenyl]-piperidine;
- 1-{(3,4-dichloro-phenyl)-[4-(1H-pyrazol-4-yl)-phenyl]-methyl}-piperazine;
- 2-(3,4-dichloro-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethylamine;
- {2-(3-chloro-4-methoxy-phenyl)-2-[4-(1H-pyrazol-4-yl)-phenyl]-ethyl}-methyl-
- 5 amine:

- 4-{4-[2-azetidin-1-yl-1-(4-chloro-phenoxy)-ethyl]-phenyl}-1H-pyrazole;
- 3-(3-chloro-4-methoxy-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propylamine;
- {3-(3-chloro-4-methoxy-phenyl)-3-[4-(1H-pyrazol-4-yl)-phenyl]-propyl}-methylamine;
- 1-{(3,4-dichloro-phenyl)-[4-(1H-pyrazol-4-yl)-phenyl]-methyl}-piperazine; or C-(4-chloro-phenyl)-C-[4-(1H-pyrazol-4-yl)-phenyl]-methylamine; and salts, solvates, tautomers and N-oxides thereof.
 - 50. A compound according to claim 49 which is 2-amino-1-(4-chloro-phenyl)-1-[4-(1H-pyrazol-4-yl)-phenyl]-ethanol or a salt, solvate, tautomer or N-oxide thereof.
- 15 51. A compound according to any one of the preceding claims in the form of a salt, solvate, ester or N-oxide.
 - 52. A compound as defined in any one of claims 1 to 51 for use in medicine.
 - 53. A compound as defined in any one of claims 1 to 51 for use in (a) the prophylaxis or treatment of a disease state or condition mediated by protein kinase B; or (b) the prophylaxis or treatment of a disease state or condition mediated by protein kinase A.
 - 54. A compound as defined in any one of claims 1 to 51 for use in the prophylaxis or treatment of a disease state or condition which is selected from a carcinoma of the bladder, breast, colon, kidney, epidermal, liver, lung, oesophagus, gall bladder, ovary, pancreas, stomach, cervix, endometrium, thyroid, prostate, or skin, a hematopoietic tumour of lymphoid lineage, a hematopoietic tumour of myeloid lineage, thyroid follicular cancer, a tumour of mesenchymal origin, a tumour of

the central or peripheral nervous system, melanoma, seminoma, teratocarcinoma, osteosarcoma, xeroderma pigmentosum, keratoctanthoma, thyroid follicular cancer, or Kaposi's sarcoma.

- 55. A compound as defined in any one of claims 1 to 51 for use in the prophylaxis or treatment of a disease state or condition which is selected from breast cancer, ovarian cancer, colon cancer, prostate cancer, oesophageal cancer, squamous cancer and non-small cell lung carcinomas.
 - 56. The use of a compound as defined in any one of claims 1 to 51 for:

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- (a) the manufacture of a medicament for the prophylaxis or treatment of a disease state or condition mediated by protein kinase B; or
- (b) the manufacture of a medicament for the prophylaxis or treatment of a disease state or condition mediated by protein kinase A; or
- (c) the manufacture of a medicament for the prophylaxis or treatment of a disease state or condition arising from abnormal cell growth;
- (d) the manufacture of a medicament for the prophylaxis or treatment of a disease in which there is a disorder of proliferation, apoptosis or differentiation.
- 57. A pharmaceutical composition comprising a novel compound as defined in any one of claims 1 to 51 and a pharmaceutically acceptable carrier.
- 58. A process for the preparation of a compound of the formula (I) as defined in any one of claims 1 to 51, which process comprises:
 - (a) the reaction of a compound of the formula (X) with a compound of the formula (XI) or an N-protected derivative thereof:

wherein A, E, and R¹ to R⁵ are as defined in any one of claims 1 to 51, one of the groups X and Y is selected from chlorine, bromine, iodine and trifluoromethanesulphonate, and the other one of the groups X and Y is a boronate ester or boronic acid residue, in the presence of a palladium catalyst and a base;

(b) the reductive amination of a compound of the formula (XXXVI):

with HNR²R³ in the presence of a reducing agent; and optionally

(c) the conversion of one compound of the formula (I) into another compound of the formula (I).

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Basis for amended claims in PCT application as published

Amended claim			Basis in PCT Appl.	
1	Claim 1 + claim 28 (R ⁸) + Claim 42 (R ¹ substituents) + proviso from prior art	30	35	
2	Claim 2 + claim 28 (R ⁸) + Claim 42 (R ¹ substituents) + proviso from prior art	31	35	
3	3	32	35	
4	4	33	36	
5	4	34	37 (dependency corrected)	
6	. 5	35	38 (dependency corrected)	
7	6	36	39	
8	7	37	41	
9	. 8	38	40	
10	9	39	43	
11	10 & 11	40	44	
12	12 & 13	41	46	
13	14, 15 & 16	42	47	
14	17	43	48	
15	18	44	49	
16	21	45	50	
17	22 & 28	46	51	
18	23 & 28	47	52	

Amended claim	Basis in PCT Appl. (PCT claims unless otherwise indicated)	Amended claim	Basis in PCT Appl.
19	24 & 28	48	54
20	26	49	55
21	27 & 28	50	55
22	29	51	56
23	29	52	76
24	29	53	57 & 65
25	30	54	Page 92 lines 6 to 21 of description
26	31	55	Page 92 lines 25 to 27 of description
27	32	56	58, 66, 67 & 68
28	33	57	75 (dependency corrected
29	34	58	77